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APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/709,924	924 06/07/2004 Jen-Yao Hsu		13366-US-PA	3923		
31561	7590 05/22/2006		EXAM	EXAMINER		
JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE			ERDEM	ERDEM, FAZLI		
7 FLOOR-1, 1		ART UNIT	PAPER NUMBER			
ROOSEVELT TAIPEI, 100	`ROAD, SECTION 2 0		2826	THE EX NOME		
TAIWAN			DATE MAILED: 05/22/2000	5		

Please find below and/or attached an Office communication concerning this application or proceeding.

<u>'</u>	· ·	Application	on No.	Applicant(s)				
Office Action Summary		10/709,9	24	HSU, JEN-YAO				
		Examine		Art Unit				
		Fazli Erde	m	2826				
Period fo	The MAILING DATE of this communication or Reply	appears on the	cover sheet with the c	correspondence add	dress			
A SH WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR RECHEVER IS LONGER, FROM THE MAILING insions of time may be available under the provisions of 37 CFI SIX (6) MONTHS from the mailing date of this communication of period for reply is specified above, the maximum statutory perior to reply within the set or extended period for reply will, by streply received by the Office later than three months after the med patent term adjustment. See 37 CFR 1.704(b).	G DATE OF TH R 1.136(a). In no ev n. eriod will apply and w tatute, cause the app	HIS COMMUNICATION ent, however, may a reply be tin ill expire SIX (6) MONTHS from lication to become ABANDONE	N. nely filed the mailing date of this co D (35 U.S.C. § 133).				
Status								
1)[X]	Responsive to communication(s) filed on 0)1 March 2006.		\				
•		This action is n	on-final.					
3)	· · · · · · · · · · · · · · · · · · ·							
<i>,</i> —	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposition of Claims								
4)⊠	Claim(s) <u>1,2,4-6 and 15-18</u> is/are pending i	in the applicati	on.					
,	4a) Of the above claim(s) is/are withdrawn from consideration.							
5)	5) Claim(s) is/are allowed.							
	6)⊠ Claim(s) <u>1,2,4-6 and 15-18</u> is/are rejected.							
7)	Claim(s) is/are objected to.		•		•			
8)□	Claim(s) are subject to restriction ar	nd/or election r	equirement.					
Applicati	ion Papers							
9)□	The specification is objected to by the Exan	niner.		•				
10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.								
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).								
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority (under 35 U.S.C. § 119							
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).								
a) All b) Some * c) None of:								
	1. Certified copies of the priority documents have been received.							
	2. Certified copies of the priority documents have been received in Application No							
	3. Copies of the certified copies of the priority documents have been received in this National Stage							
	application from the International Bureau (PCT Rule 17.2(a)).							
* See the attached detailed Office action for a list of the certified copies not received.								
Attachmen	t(s)							
	e of References Cited (PTO-892)		4) Interview Summary		,			
	e of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB		Paper No(s)/Mail Da 5) Notice of Informal P		-152)			
Paper No(s)/Mail Date 6) Other:								

DETAILED ACTION

Allowable Subject Matter

1. Claim*** objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 3. Claims 1, 2, 4-6 and 15-18 rejected under 35 U.S.C. 102(b) as being anticipated by Yang (6,306,700).

Regarding Claims 1 and 5, Yang discloses method for forming high voltage devices compatible with low voltage devices on semiconductor substrate where in Fig. 6 it is disclosed a substrate 200, a gate dielectric layer 228 on the substrate, gate 230 on the gate dielectric, a channel region in the substrate under the gate dielectric layer, two doped regions 232a/b in the substrate beside the gate, field isolation regions 220 between the gate and the doped regions, a drift region 216 under the field isolation region connecting with the channel region and with at least one doped region, a modifying doped region 222, in the substrate at periphery of the at least one doped region where the drift region and the modifying doped region together completely surround the doped regions.

Regarding Claim 2, 15 and 17, the modifying doped region is the substrate ad the peripheries of the two doped regions.

Regarding Claim 4, 16 and 18, isolation layer 220 is a FOX layer.

Regarding Claim 6, in column 3, the required concentration value is disclosed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fazli Erdem whose telephone number is (571) 272-1914. The examiner can normally be reached on M - F 8:00 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

FE May 10, 2006 Art Unit: 2826

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